Write these in order of size, starting with the smallest.



Write these in order of size, starting with the smallest.





1.

2.

Write the missing numbers.



-= 0.2

160

1 mark

1 mark

1 mark



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Circle **all** the numbers below that belong in the shaded part of the number line.

1.4

 $1\frac{1}{3}$

1 mark

 $1\frac{1}{5}$

5.

4.

Write in the missing numbers.

1.1

One is done for you.



2 marks

6.

 $\frac{5}{11} = 0.454545 \dots$

Find a fraction that is equal in value to

0.0454545 ...



1 mark

Here is a number line.

7.





9.



1 mark

Mark schemes

0.5

1.

Numbers in order, as shown:

 $\frac{3}{5}$ 0.65 $\frac{2}{3}$

Accept equivalent decimals, percentages or fractions.





1.1 (1.4 $1\frac{1}{3}$ $1\frac{1}{5}$

Do not award the mark if additional incorrect numbers are circled. Accept: alternative unambiguous indications, eg numbers ticked, crossed or underlined.

[1]

5.

5.	All three correct		
	2433		
	0.457		
	0.023	2	
	or	2	
	Any 2 correct		
		1	[2]
6.	$\frac{1}{22}$ OR $\frac{5}{110}$		
	Do not accept $\frac{0.5}{11}$		[1]
7.	(a) Arrow or other mark as indicated.		
	Accept slight inaccuracies provided the intention is clear.		
	(b) Arrow or other mark as indicated.	1	
		1	
8.	(a) 0.11 1.001 1.01 1.101 All in correct order.		[2]
	$(b) = \frac{50}{2}$	1	
	(D) / ₁₅₁	1	

1

- (a) Any fraction greater than 7/10 AND less than 71/100, eg:
 - 141/200

9.

Accept decimal fractions which fit the criteria, eg:

• 0.705

- (b) Any decimal greater than 0.571428 recurring AND less than 0.714285 recurring, eg:
 - 0.6
- Do NOT accept non-decimal fractions, eg:
- ⁹/₁₄ OR ^{4.5}/₇

10. (a) 0.0910.1090.1900.9

All four numbers in their correct places.

(b) 1/3 5/12 1/2 5/6

All four numbers in their correct places.

[2]

1

1

1

1